

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	194	(ultra\$1filtrat\$3 or ultrafiltrat\$3) and (clean\$3 or wash\$3 or rins\$3 or dry\$3) near5 (basket or tub or enclosure or container or chamber) and (control or controller or controlling) and (gas or gaseous or air or dry\$3) and (flush or flushing or backwash\$3 or back\$1wash\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/25 09:01
L4	2	"4,921,610".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/25 09:02
L5	7	10/082626	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/25 09:14
L6	300	((cartridge and mechanical and particulate) near5 filter\$3) and (thermoplastic or polyethylene or polypropylene or polyester or aluminum or steel or metallic or (sinter\$3 adj metal) or ceramic or diatomaceous)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/25 12:07
L7	19	((cartridge and mechanical and particulate) near5 filter\$3) and (thermoplastic or polyethylene or polypropylene or polyester or aluminum or steel or metallic or (sinter\$3 adj metal) or ceramic or diatomaceous) and (ultrafiltrat\$3 or ultra\$1filtrat\$3 or membrance) and clean\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/25 12:14
L8	21	((cartridge and mechanical and particulate) near5 filter\$3) and (liquid or water or fluid or (clean\$3 adj solution) or fluid) and (ultrafiltrat\$3 or ultra\$1filtrat\$3 or membrance) and clean\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/25 14:47
L11	14	(cartridge adj filter\$3) and (mechanical adj filter\$3) and (liquid or water or fluid or (clean\$3 adj solution) or fluid) and (ultrafiltrat\$3 or ultra\$1filtrat\$3 or membrance) and clean\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/25 14:48

## EAST Search History

S1	1	10/629146	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/23 17:06
S2	6	("4712392" "6063135" "6524474"). PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/14 16:04
S3	179	8/149	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/23 17:09
S4	441	8/149.1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/23 17:09
S5	154	((filter or filtra\$3) adj membrane) and (spiral near wound\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/14 16:45
S6	12	("3753777"   "3996640"   "4377017"   "4464810"   "4741069"   "5331713"   "5535476"   "5718015"   "5839155"   "6007712"   "6076229"   "6302967").PN. OR ("6857162").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 17:07
S7	2	(water near ((adsorb or adsorption or adsorbent) near filter)) same media	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 17:10
S8	11	(water near ((adsorb or adsorption or adsorbent) near filter))	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 17:16
S9	80	(regenera\$4 near ((adsorb or adsorption or adsorbent) near filter))	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 17:20
S10	81	(regenera\$4 near ((adsorb or adsorption or adsorbent or absorb\$4) near filter))	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 17:29
S11	0	water near (regenera\$4 near ((adsorb or adsorption or adsorbent or absorb\$4) near filter))	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 17:29
S12	6	water same (regenera\$4 near ((adsorb or adsorption or adsorbent or absorb\$4) near filter))	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 17:10

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S13	1442	water same ((adsorb or adsorption or adsorbent or absorb\$4) near filter)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 17:33
S14	658	S13 and clean\$3	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 18:03
S15	1977	(regeneration or recycle) and fluid and adsorption and (activated adj carbon)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 18:04
S16	42	(regeneration or recycle) and fluid and adsorption and ((activated adj carbon) and zeolite and carbon and kaolinite)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 18:06
S17	131	(regeneration or recycle) and clean\$3 near fluid and adsorption and ((activated adj carbon) or zeolite or carbon or kaolinite)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 18:19
S18	0	hua00209500	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 18:19
S19	82218	hu a00209500	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 18:19
S20	0	a00209500	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 18:20
S21	0	hu-a00209500	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 18:20
S22	1853860	hu-a "00" "209" "500"	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 18:20
S23	2	("2002/0074292").URPN.	USPAT	OR	ON	2006/04/14 18:20
S24	70	((dry adj clean\$3) near (machine or apparatus or device)) same (rejuvenate or recyle or regenerat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/17 09:38
S25	11	((dry adj clean\$3) near (machine or apparatus or device)) same (rejuvenate or recyle or regenerat\$3) and flush\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/17 09:38
S26	389	((ultra\$filtrat\$3) near5 clean\$3) and (basket or hold\$3 or contain\$3 or chamber or enclosure or drawer or cage or rack)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/24 10:17

## EAST Search History

S27	184	8/149	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/24 10:17
S28	452	8/149.1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/24 10:17
S29	14	(liquid or water or solution or solvent or fluid) same (regenera\$4 near ((adsorb or adsorption or adsorbent or absorb\$4) near filter))	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 10:17
S30	15	(liquid or water or solution or solvent or fluid) same ((recyclc\$3 or regenera\$4) near ((adsorb or adsorption or adsorbent or absorb\$4) near (filter or filtrat\$3)))	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 10:17
S31	15	("3727620"   "4749440"   "4917123"   "4984597"   "5039349"   "5301701").PN. OR ("5419351").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 17:25
S32	453	8/149.1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/24 10:17
S33	184	8/149	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/24 10:17
S34	15	(liquid or water or solution or solvent or fluid) same ((recyclc\$3 or regenera\$4) near ((adsorb or adsorption or adsorbent or absorb\$4) near (filter or filtrat\$3)))	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 10:17
S35	14	(liquid or water or solution or solvent or fluid) same (regenera\$4 near ((adsorb or adsorption or adsorbent or absorb\$4) near filter))	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 10:17
S36	390	((ultra\$filterat\$3) near5 clean\$3) and (basket or hold\$3 or contain\$3 or chamber or enclosure or drawer or cage or rack)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/24 11:44

## EAST Search History

S37	545	(ultra\$1filtrat\$3 or ultrafiltrat\$3) and (clean\$3 or wash\$3 or rins\$3 or dry\$3) near5 (basket or tub or enclosure or container or chamber) and (control or controller or controlling) and (gas or gaseous or air or dry\$3) and (flush or flushing or backwash\$3 or back\$1wash\$3 or recycl\$3 or regenerat\$3 or re\$1generat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/25 08:58
S38	68	S37 and (clothes or clothing or laundry or (dry adj clean\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/24 11:55
S39	10	10/699159	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/24 11:55
S40	0	("2005/0092352").URPN.	USPAT	OR	ON	2007/04/24 11:56
S41	2	"4,898,667".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/24 14:58
S42	2	"4,976,876".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/24 13:07
S43	41	60/209,468	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/24 14:58
S44	24	(ultra\$1filtrat\$3 or ultrafiltrat\$3) and (clean\$3 or wash\$3 or rins\$3 or dry\$3) near5 (basket or tub or enclosure or container or chamber) and (control or controller or controlling) and (gas or gaseous or air or dry\$3) and (flush or flushing or backwash\$3 or back\$1wash\$3) and (clothes or clothing or laundry or (dry adj clean\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/24 17:49
S45	8	smith near loveless near inc	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/24 17:55